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DOC	<u>57</u>	REV DATE	<u>20 MAR 1950</u>	BY	<u>064540</u>
ORIG COMP	<u>056</u>	OPI	<u>56</u>	TYPE	<u>01</u>
ORIG CLASS	<u>S</u>	PAGES	<u>3</u>	REV CLASS	<u>C</u>
JUST	<u>22</u>	NEXT REV	<u>2010</u>	AUTHI	HR 10-2

October 1, 1957

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CERTIFIED OFFICER

References: 1. Contract RD-122, Task Order #1
 2. Specification 5b-A-1046-A

Dear [redacted]

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During the course of the development of the AS-3 Semi-automatic Two-way Radio Station to the above noted specification, there have been a series of design changes modifying the specification which were agreed upon by [redacted] and your engineering representatives. We summarize them as follows:

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1. The conference of 17 July changed the unit packaging by combining the Transmitter AS-3, the Keyer AK-3, and the DC Power Supply AP/BA-3 into one unit.

This change affects specification paragraphs 1.2, 1.3, 3.4 and 3.5

We would like to request nomenclature assignment for the changes.

2. Progress Report No. 7 established the operation of the function switch as a three-position device: OFF, RECEIVE, and TRANSMIT. When in the TRANSMIT position, three types of operation are available (1) Manual transmission by use of the hand key, (2) Identification (Recognition) by pressing the Identification push button, or (3) Message by pressing the Message push button.

This change affects specification paragraphs 3.3.2.1, 3.3.2.2 and 5.5.1.

We request a specification modification to include this change.

3. The conference of 17 July changed the charging rate of the Battery Charger ABC-3 from 2 amperes to a rate which would allow it to be left on for an indefinite period.

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This change affects specification paragraph 3.5.2.4.

We request a specification modification to include this change.

4. Progress Report No. 7 indicates a package size for the combined Transmitter-keyer/DC Power Supply of 8 x 8 x 2 3/8. The latter dimension was formerly 2 1/4 maximum

This change affects paragraph 5.3 of the specification.

We request a change in the specification to permit this change in maximum dimension.

5. The details of the referenced specification point out that a choice of receiver type to be used in the AS-3 system would be made and the details furnished to our organization at an early date. We have come to a point now where the need for this choice of receiver can hold up progress of the development.

We have verbal information that the choice in favor of the transistorized receiver is imminent and, as noted in Progress Report No. 7, page 2, paragraph 5, we are proceeding now as though this choice was firm. We understand that the receiver power requirements are as shown on the attached drawing, Figure 7-2.

We would appreciate an official statement concerning the choice of receiver at an early date.

6. We would like to suggest that an amended specification be issued to include all of the agreed-upon changes noted above. [redacted] will accomplish the work required by these specification modifications at no change in contract price.

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Very truly yours,



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Vice President
In Charge of Engineering

JAD:as

Attach: Fig. 7-2

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